		AL.
	Application No.	Applicant(s)
Notice of Allowability	10/666,968	HADY ET AL.
	Examiner	Art Unit
	Felix E Suarez	2857
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate commodities. This application is and MPEP 1308.	in this application. If not included nunication will be mailed in due course. <b>THIS</b>
1. This communication is responsive to Quayle amendment fi	illed 23 July 2004 .	
2. X The allowed claim(s) is/are 19-34.		
3. A The drawings filed on 23 July 2004 are accepted by the Ex	aminer.	
4. ☐ Acknowledgment is made of a claim for foreign priority una) ☐ All b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)).  * Certified copies not received: ☐ Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. ☐ A SUBSTITUTE OATH OR DECLARATION must be subminsformal PATENT APPLICATION (PTO-152) which give 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ☐ (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date ☐ Including indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the company of the proper No./Mail Date ☐ DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	e been received. e been received in Applica cuments have been received of this communication to factor of this application.  et al. Note the attached Eles reason(s) why the oath est be submitted. et be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted. et al. Note the attached Eles reason(s) why the oath est be submitted.	red in this national stage application from the red in this national stage application from the red in this national stage application from the red in the requirements  XAMINER'S AMENDMENT or NOTICE OF or declaration is deficient.  ew ( PTO-948) attached  or in the Office action of the drawings in the front (not the back) of CFR 1.121(d).  TERIAL must be submitted. Note the
Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Draftperson's Patent Drawing Review (PTO-948)  3. Information Disclosure Statements (PTO-1449 or PTO/SB/O Paper No./Mail Date  4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Paper N 08), 7. ☐ Examiner	Informal Patent Application (PTO-152) Summary (PTO-413), o./Mail Date 's Amendment/Comment 's Statement of Reasons for Allowance

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## **DETAILED ACTION**

## Allowable Subject Matter

- 1. Claims 19-34 are allowable.
- The following is a statement of reasons for the indication of allowable subject matter:

Claims 19-34 are allowable because the prior art, particularly Satyamurti et al. [U.S. Patent No. 6,418,405] (hereafter Satyamurti), Nagel [U.S. Patent No. 6,071,317], Kardach [U.S. Patent No. 6,018,803] and Soenen et al. [U.S. Patent No. 5,327,129] (hereafter Soenen) fail to teach or suggest a system, comprising:

a bridge device to communicate information between the host bus and the peripheral interface bus, the bridge device including a multi-mode measurement arrangement to measure at least one of a metric and a performance parameter of the system, wherein the system is operable to perform the following step:

if the comparison result at least indicates that the actual parameter is no less than the reference parameter, performing at least one of replacing the reference parameter with the actual parameter to provide the next reference parameter and providing the at least one identification parameter.

Satyamurti, Nagel, Kardach and Soenen also fail to teach or suggest a method of determining an inter-arrival time distribution for a processor bus queue, comprising:

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using an inactive input arrival signal from the processor bus queue to stop the counter and cause a comparing arrangement to compare a count for an event and a bucket register value, and to reset the counter

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Satyamurti, Nagel, Kardach and Soenen also fail to teach or suggest a method of identifying a maximum queue service time, comprising:

finding a cycle that occurs after a maximum buffer empty time; nor using a head event of a queue blocking time to find the maximum queue service time.

## Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Felix Suarez, whose telephone number is (571) 272-2223. The examiner can normally be reached on weekdays from 8:30 a.m. to 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marc Hoff can be reached on (571) 272-2216. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7382 for regular communications and (703) 308-7382 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

September 15, 2004

F.S.

MARC S. HOFF SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2800